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THE TYPES OF LEPIDOPTERA DESCRIBED BY J. D. GUNDER

BY CYRIL F. DOS PASSOS

This is the fourth of a series of papers on the types of Lepidoptera in the collection of The American Museum of Natural History.[1]

During the winter of 1936–1937 the American Museum purchased the collection of North American Lepidoptera, mostly Rhopalocera, made by J. D. Gunder of Pasadena, California. This collection contained 171 out of 212 types described by Gunder as well as 50 types of other authors. It was also very rich in aberrations, sometimes called "transition forms" (tr.f.) there being about 941 of these and about 27,000 other specimens, mostly taken west of Denver, Colorado. It is one of the largest and most valuable additions to the collection of Rhopalocera since the acquisition of the Henry Edwards collection.

The following pages list all of Gunder's types whether received by the Museum or not, the latter fact being indicated by an asterisk (*). A few types have not yet been located in the collections and these are indicated by a dagger (†). A reference is also given to the original description, the type locality, the collector's name, the type series and the disposition of the type when it is not in the Museum collection.

The list follows, in most cases, the arrangement of the Barnes and Benjamin Check List (1926, Bull. So. Calif. Acad. Sci., XXV, p. 31).

Papilionidae

Papilio philenor hirsuta tr.f. **inghami.**—1927, Ent. News, XXXVIII, p. 268, Pl. A, figs. E, E_1. Fairfax, California (Chas. Ingham).
Holotype ♀, June 6, 1924.

Papilio zelicaon tr.f. **mcdunnoughi*.**—1928, Can. Ent., LX, p. 162, Pl. A, figs. 1, 1a. Waterton Lakes, Alberta, Canada.
Holotype ♂, June 29, 1923, Can. Nat. coll. Paratypes: ♂, Big Horn Mts., Wyoming, Aug. 19, 1927, coll. John Garth; ♂, Colorado (Bruce), no date, coll. Strecker.

[1] The previous papers are: 'List of Types of Some Species of Lepidoptera described by Grote and Robinson in The American Museum of Natural History,' by William Beutenmuller, 1892, Bull. Amer. Mus. Nat. Hist., IV, pp. 59–64; 'List of Types of Lepidoptera in The Edwards Collection of Insects,' by William Beutenmuller, 1892, Bull. Amer. Mus. Nat. Hist., IV, pp. 167–198; 'Types of Lepidoptera in The Collection of The American Museum of Natural History,' by William Beutenmuller, 1904, Bull. Amer. Mus. Nat. Hist., XX, pp. 81–86.

Papilio cresphontes tr.f. **forsythae.**—1933, Can. Ent., LXV, p. 171. Florida City, Florida (bred by Mrs. L. E. Forsyth).
Holotype ♂, Nov. 21, 1931; allotype ♀, Dec. 4, 1931.

Papilio glaucus f. **turnus** tr.f. **dietzi*.**—1927, Ent. News, XXXVIII, p. 266, Pl. v, fig. A. Van Cortland Park, New York (H. Dietz).
Holotype ♀, June 26, 1910, coll. H. Dietz.

Papilio glaucus f. **turnus** tr.f. **gerhardi*.**—1927, Ent. News, XXXVIII, p. 266, Pl. v, fig. B. Evansville, Indiana (Evans).
Holotype ♂, no date, coll. Strecker.

Papilio rutulus tr.f. **fannyae.**—1927, Ent. News, XXXVIII, p. 267, Pl. v, fig. C. Yoncalla, Oregon (Rees).
Holotype ♂, June 10, 1926.

Papilio eurymedon f. **albanus** ab. ♂ **cocklei.**—1925, Ent. News, XXXVI, p. 200, Pl. v, fig. 12. Kaslo, B. C.
Holotype ♂, May 24, 1924.

Papilio eurymedon f. **albanus** tr.f. **columbiana.**—1927, Ent. News, XXXVIII, p. 267, Pl. v, fig. D. Kaslo, B. C. (Cockle).
Holotype ♂, June 28, 1925.

Papilio marcellus tr.f. **broweri*.**—1927, Ent. News, XXXVIII, p. 269. Willard, Mo. (Brower).
Holotype ♂, June 23, 1918, coll. U. S. Nat. Mus.

Parnassius eversmanni (race **thor?**) tr.f. **kohlsaati.**—1932, Pan. Pac. Ent., VIII, p. 123. McKinley Nat. Park, Alaska (Frank Morand).
Holotype ♂, June 27, 1931.

Parnassius clodius baldur ab. ♂ **binigrimaculella.**—1926, Ent. News, XXXVII, p. 8, Pl. I, fig. 13. Gold Lake, Sierra Co., California.
Holotype ♂, July 14, 1922.

Parnassius clodius tr.f. **dodgei.**—1932, Pan. Pac. Ent., VIII, p. 123. Santa Cruz Hills, Santa Cruz, California.
Holotype ♂, June 15, 1923.

Parnassius clodius baldur tr.f. **sulfureus.**—1932, Pan. Pac. Ent., VIII, p. 124. Davis Cr., Modoc Co., California.
Holotype ♂, June 12, 1924; allotype ♀, June 18, 1924.

Pieridae

Pieris napi castoria ab. ♂ **cottlei.**—1925, Ent. News, XXXVI, p. 197, Pl. v, fig. 9. Anderson Springs, Lake Co., California.
Holotype ♂, May 5, 1919.

Anthocharis sara tr.f. **corcorani.**—1931, Bull. So. Cal. Ac. Sci., XXX, p. 45. Griffith Park, Los Angeles, California.
Holotype ♀, April 14, 1931.

Anthocharis sara f. **reakirti** ab. ♂ **sternitzkyi.**—1925, Ent. News, XXXVI, p. 4, Pl. I, fig. Q. San Francisco, California.
Holotype ♂, April 22, 1924.

Anthocharis sara reakirtii, tr.f. **broweri.**—1932, Pan. Pac. Ent., VIII, p. 124. Peanut Hill, Berkeley Hills, Alameda Co., California.
Holotype ♂, March 14, 1928.

Anthocharis sara julia tr.f. **sulfuris.**—1931, Bull. So. Cal. Ac. Sci., XXX, p. 45. Kellogg, Idaho.
Holotype ♂, June 1, 1931.

Anthocharis sara reakirtii f. **flavicoloris.**†—1933, Pan. Pac. Ent., IX, p. 151. Tocaloma, Marin Co., California (Sternitzky).
Holotype ♂, March 12, 1926; allotype ♀, March 22, 1930, Berkeley, California; 2 ♂ paratypes from San Francisco Bay region; 2 ♀ paratypes, March, Los Angeles area.

Anthocharis sara inghami.—1932, Can. Ent., LXIV, p. 276. Tucson, Arizona.
Holotype ♂, March 9, 1929; allotype ♀, March 18, 1928; paratypes, 6 ♂ and 1 ♀, March 20–April 2, 1932, Globe, Arizona and vicinity (D. K. Duncan).

Anthocharis sara inghami tr.f. **duncani.**—1932, Can. Ent., LXIV, p. 277. Globe, Arizona.
Holotype ♂, March 21, 1932.

Anthocharis sara alaskensis.—1932, Can. Ent., LXIV, p. 277. Skagway, Alaska (Shoemaker).
Holotype ♂, May 29, 1925; allotype ♀, June 2, 1925.

Zerene eurydice ab. ♂ **fanniae.**—1924, Ent. News, XXXV, p. 158, Pl. II, fig. K. San Bernardino Mts., San Bernardino Co., California.
Holotype ♂, July 6, 1922.

Zerene eurydice f. ♂ **lineainita.**†—1928, Pan. Pac. Ent., IV, p. 101, Pl. I. San Bernardino Mts., California.
Holotype ♂, July 3, 1924.

Zerene eurydice f. ♀ **masumbrosus.**—1928, Pan. Pac. Ent., IV, p. 100, Pl. I, fig. 3. California.
Holotype ♀, coll. Hy. Edwards.

Zerene eurydice tr.f. **doudoroffi.**—1932, Pan. Pac. Ent., VIII, p. 125. Lake Alpine, Fairfax, Marin Co., California.
Holotype ♀, July 17, 1929.

Zerene eurydice ab. ♂ **newcombi.**—1925, Ent. News, XXXVI, p. 4, Pl. I, fig. R. San Bernardino Mts., San Bernardino Co., California.
Holotype ♂, no date.

Zerene caesonia f. ♀ **immaculsecunda.**—1928, Pan Pac. Ent., IV, p. 102, Pl. II. Pinery Canyon, Arizona.
Holotype ♀, Sept. 23, 1927; paratype ♀, Willard, Mo. (Brower), Sept. 27, 1917.

Eurymus meadii f. ♀ **medi.**—1934, Can. Ent., LXVI, p. 125. Breckenridge Peak (11,000 ft.), Empire Co., Colorado.
Holotype ♀, Aug. 8, 1919.

Eurymus eurytheme tr.f. **rudkini.**—1932, Can. Ent., LXIV, p. 277. San Marino, Los Angeles Co., California.
Holotype ♀, May 23, 1931.

Eurymus eurytheme amphidusa ab. ♂ **unicitrina.**—1924, Ent. News, XXXV, p. 158, Pl. II, fig. J. Upland, Los Angeles Co., California.
Holotype ♂, Aug. 2, 1921.

Eurymus philodice tr.f. **raritus.**—1928, Can. Ent., LX, p. 163, Pl. A, figs. 2 and 2a. Scranton, Pennsylvania (bred by M. Rothke).
Holotype ♀, July 8, 1927.

Eurymus hartfordii ab. ♀ **weaverae.**—1924, Ent. News, XXXV, p. 156, Pl. II, fig. G. Warner Springs, San Diego Co., California.
Allotype ♀, July 3, 1919.

Eurymus harfordii f. ♀ **martini.**—1931, Bull. So. Cal. Ac. Sci., XXX, p. 45, Pl. XV, fig. 4. South side of Arrowhead Lake, San Bernardino Co., California.
Holotype ♀, Sept. 2, 1931.

Eurymus chippewa f. ♀ **kohlsaati.**—1931, Bull. So. Cal. Ac. Sci., XXX, p. 45. Mt. McKinley Nat. Park, Alaska (Frank Morand).
Holotype ♀, July 14, 1930.

Eurymus nastes monia tr.f. **harperi.**—1932, Can. Ent., LXIV, p. 278. Ft. Churchill, Manitoba.
Holotype ♀, July 19, 1932.

Eurema nicippe tr.f. **dammersi.**—1930, Bull. So. Cal. Ac. Sci., XXIX, p. 16, Pl. XIX. San Bernardino, California (bred by Mrs. A. Niece).
Holotype ♀, 1928.

Danaidae

Danaus menippe tr.f. **americanus.**—1927, Ent. News, XXXVIII, p. 137, Pl. XI, fig. 10. Sunny Glen Ranch, Brewster Co., Texas (Poling).
Holotype ♀, July 1926; paratype ♀, Evanston, Ill., 1905; paratype ♀, Provo, Utah, July 26, 1909; paratype ♀, Santa Cruz, California, Oct. 15, 1917.

Danaus menippe tr.f. **nivosus.**—1927, Ent. News, XXXVIII, p. 138. Jefferson Barracks, Mo.
Holotype ♂, Aug. 21, 1908; paratype ♀, Mt. Lebanon, Allegheny Co., Pennsylvania, Oct. 2, 1921.

Satyridae

Oeneis uhleri varuna tr.f. **dennisi.**—1927, Can. Ent., LIX, p. 285, Pl. B, figs, 17, 17b. Beulah, Manitoba (Dennis).
Holotype ♂, May 17, 1904.

Erebia mackinleyensis.—1932, Can. Ent., LXIV, p. 278. Sable Pass, McKinley Nat. Pk., Alaska (Frank Morand).
Holotype ♂, June 16, 1932; allotype ♀, June 21, 1932; paratypes 5 ♂ and 3 ♀ same date and locality.

Nymphalidae

Dione vanillae ab. ♂ **comstocki.**—1925, Ent. News, XXXVI, p. 5, Pl. I, fig. T. Monrovia, Los Angeles Co., California.
Holotype ♂, July 19, 1924.

Dione vanillae insularis tr.f. **fumosus.**—1927, Ent. News, XXXVIII, p. 137, Pl. XI, fig. 9. Los Angeles, Los Angeles Co., California.
Holotype ♀, Sept. 15, 1910.

Dione vanillae incarnata tr.f. **margineapertus.**—1928, Can. Ent., LX, p. 163, Pl. A, fig. 3. Los Angeles, California (Schrader).
Holotype ♂, March 29, 1927; 2 paratypes.

Dione vanillae incarnata tr.f. **hewlettae.**—1929, Bull. Bklyn. Ent. Soc., XXIV, p. 327, Pl. XXXI, fig. 7. Ontario, Riverside Co., California (E. P. Hewlett).
Holotype ♀, summer, 1927.

Euptoieta claudia tr.f. **dodgei*.**—1927, Ent. News, XXXVIII, p. 135, Pl. XI, fig. 6. Near Scribner, Dodge Co., Nebraska.
Holotype ♀, July, 1885, coll. E. A. Dodge.

Argynnis idalia tr.f. **dolli*.**—1927, Can. Ent., LIX, p. 286, Pl. B, figs. 20, 20b. Richmond Hill, Long Island, New York.
Holotype ♀, July 15, 1886, coll. Bklyn. Museum.

Argynnis leto tr.f. **lethe.**—1934, Can. Ent., LXVI, p. 125. Big Horn Mts., Wyoming (E. J. Oslar).
Holotype ♀, Aug. 3, 1932.

Argynnis aphrodite cypris tr.f. **mayae.**—1932, Can. Ent., LXIV, p. 279. Sand Ridge, Bener Dam Lake, near Kelwood, Man. (Mrs. J. F. May).
Holotype ♂, Sept. 10, 1931; allotype ♀, Aug. 17, 1930.

Argynnis aphrodite winni.—1932, Can. Ent., LXIV, p. 278. St. Calixte de Kilkenny, Que. (about 40 m. from Montreal).
Holotype ♂, July 13, 1931; allotype ♀, Strawbridge, Que., Aug. 4, 1930; paratypes, 3 ♂, 3 ♀, similar dates and localities.

Argynnis lais tr.f. **dennisi.**—1927, Can. Ent., LIX, p. 287, Pl. B, fig. 21a. Beulah, Manitoba (Dennis).
Holotype ♂, June 28, 1910.

Argynnis atlantis beani tr.f. **hutchinsi.**—1932, Can. Ent., LXIV, p. 280. Twp. 2N. Range 1W, Jefferson Co., Montana (E. R. Hutchins).
Holotype ♂, July 21, 1929.

Argynnis rhodope tr.f. **gregsoni.**—1932, Can. Ent., LXIV, p. 281. Mt. Washington (6000 ft.), Forbidden Plateau, Vancouver Island, B. C., Canada.
Holotype ♀, July 7, 1931.

Argynnis nevadensis meadii tr.f. **gerhardi*.**—1927, Can. Ent., LIX, p. 287, Pl. B, figs. 24, 24a. Colorado (D. Bruce).
Holotype ♂, no date, coll. Strecker.

Argynnis edwardsii tr.f. **edonis.**—1934, Can. Ent., LXVI, p. 125. Beaver City, Larimer Co., Colorado (10–12,000 ft.) (C. F. Gillette).
Holotype ♀, Aug. 1, 1892.

Argynnis semirannis tr.f. **bernardensis.**—1933, Can. Ent., LXV, p. 172. Camp Wasewgan for Boy Scouts, San Bernardino Mts., San Bernardino Co., California (John S. Garth).
Holotype ♀, July 14, 1932.

Argynnis calippe var. **comstocki.**—1925, Ent. News, XXXVI, p. 8, Pl. I, figs. 6 ♂, 7 ♀. Los Angeles, Los Angeles Co., California.
Holotype ♂, May 26, 1919; allotype ♀, same locality, May 20, 1920; paratypes, 11 ♂, 5 ♀, same locality and dates.

Argynnis comstocki tr.f. **creelmani.**—1934, Can. Ent., LXVI, p. 127. East San Diego, California.
Holotype ♂, June 13, 1933.

Argynnis montivaga malcolmi tr.f. **sineargentatus.**—1927, Can. Ent., LIX, p. 286, Pl. B, fig. 19. Mammoth, Mono Co., California.
Holotype ♂, Aug. 7, 1922.

Argynnis montivaga ab. ♂ **mammothi.**†—1924, Ent. News, XXXV, p. 157, Pl. II, fig. H. Mammoth Camp, Mono Co., California.
Holotype ♂, July 31, 1921; paratype ♂, same locality, July 28, 1921.

Argynnis mormonia tr.f. **benjamini***.—1927, Can. Ent., LIX, p. 287, Pl. B, figs. 22, 22a. Arangie, Idaho.
Holotype ♂, no date, coll. Barnes.

Argynnis eurynome tr.f. **brucei***.—1927, Can. Ent., LIX, p. 287, Pl. B, figs. 23, 23a. Colorado (D. Bruce).
Holotype ♀, 1890, coll. Strecker.

Argynnis eurynome washingtonia f. **ranierensis.**—1932, Can. Ent., LXIV, p. 282. Paradise Valley, Mt. Ranier, Pierce Co., Washington.
Holotype ♂, Aug. 12, 1931; allotype ♀, Aug. 10, 1931; paratypes, 3 ♂, 3 ♀, Aug. 8–12, 1931, same locality.

Argynnis eurynome artonis f. **rubyensis.**—1932, Can. Ent., LXIV, p. 282. Franklin Slough, near Wright's Ranch, Ruby Valley, Elko Co., Nevada.
Holotype ♂, July 9, 1929; allotype ♀, July 12, 1929; paratypes, 6 ♂, same dates and locality.

Argynnis dodgei.—1931, Bull. So. Cal. Ac. Sci., XXX, p. 46. Diamond Lake, Douglas Co., Oregon.
Holotype ♂, July 10, 1930; allotype ♀, July 17, 1931; paratypes, 10 ♂, 3 ♀, same place and dates.

Argynnis hennei.—1934, Can. Ent., LXVI, p. 126. Mt. Pinos (7700 ft.), Frazier Mt. Park, Santa Barbara Nat. Forest, Ventura Co., California.
Holotype ♂, allotype ♀, July 10, 1933; and paratypes, 6 ♂, 3 ♀.

Argynnis pfoutsi.—1933, Can. Ent., LXV, p. 171. Mt. Loafer, near Payson, Utah.
Holotype ♂, July 16, 1932; allotype ♀, July 16, 1932, Payson Canyon, near Payson, Utah; paratypes, 2 ♂, 2 ♀, same date and localities.

Argynnis garretti.—1932, Can. Ent., LXIV, p. 282. Cranbrook, B. C.
Holotype ♂, July 29, 1929; allotype ♀, July 27, 1929; paratypes, 2 ♂, 2 ♀.

Argynnis albrighti.—1932, Can. Ent., LXIV, p. 281. Highwood Mts., Chouteau Co., Montana.
Holotype ♂, allotype ♀, both June 24, 1931; paratype ♂, Monarch, Cascade Co., July 26, 1931.

Argynnis macdunnoughi*.—1932, Can. Ent., LXIV, p. 280. Elkhorn Ranch Resort, Gallatin Co., Montana.
Holotype ♂; allotype ♀, both Aug. 1, 1928, Can. Nat. coll.; paratypes, 4 ♂, 1 ♀, pair in Amer. Mus. Nat. History.

Argynnis whitehousei.—1932, Can. Ent., LXIV, p. 279. Jaffray, B. C.
Holotype ♂, allotype ♀, both Aug. 5, 1929; paratypes 2 ♂, 2 ♀, same date and locality.

Argynnis montivaga tr.f. **boharti.**—1929, Bull. Bklyn. Ent. Soc., XXIV, p. 326, Pl. XXXI, fig. 5. Mono Pass Trail (Yosemite to Mono Lake), California (R. M. Bohart).
Holotype ♀, July 16, 1929.

Brenthis myrina ab. ♂ **serratimarginata.**—1926, Ent. News, XXXVII, p. 7, Pl. I, fig. 10. Vernon, B. C.
Holotype ♂, Aug. 12, 1904.

Brenthis myrina tr.f. **nivea.**—1928, Can. Ent., LX, p. 163, Pl. A, fig. 4. Staten Island, New York (O. Fulda).
Holotype ♂, May 28, 1900.

Brenthis aphirape dawsoni tr.f. **harperi.**—1934, Can. Ent., LXVI, p. 127. Churchill, Manitoba.
Holotype ♂, July 11, 1933.

Brenthis helena ingens tr.f. **martini.**—1934, Can. Ent., LXVI, p. 127. Teton Trail, Teton Mts., Teton Co., Wyoming.
Holotype ♂, July 8, 1931.

Brenthis chariclea oenone tr.f. **labradorensis*.**—1928, Can. Ent., LX, p. 163, Pl. A, figs. 5, 5a. Labrador.
Holotype ♂, no date, coll. Barnes.

Brenthis epithore ab. ♂ **wawonae.**—1924, Ent. News, XXXV, p. 156, Pl. II, fig. F. Wawona, Mariposa Co., California.
Holotype ♂, July 6, 1922.

Brenthis epithore ab. ♀ **obscuripennis.**—1926, Ent. News, XXXVII, p. 7, Pl. I, fig. 9. Chilcolin, B. C.
Holotype ♀, May 30, 1915.

Brenthis alberta tr.f. **banffensis.**—1932, Pan. Pac. Ent., VIII, p. 125. Banff, Alberta (J. F. May).
Holotype ♂, July 21, 1930.

Euphydryas chalcedona ab. ♀ **omniluteofuscus.**—1925, Ent. News, XXXVI, p. 195, Pl. V, fig. 4. Santa Monica, Los Angeles Co., California.
Holotype ♀, May 30, 1924.

Euphydryas chalcedona ab. ♂ **hemiluteofuscus.**—1925, Ent. News, XXXVI, p. 196, Pl. V, fig. 5. Altruas, Modoc Co., California.
Holotype ♂, May 30, 1924.

Euphydryas colon, tr.f. **mcdunnoughi*.**—1928, Can. Ent., LX, p. 163, Pl. A, figs. 6, 6a. Corvallis, Oregon (Buckell).
Holotype ♂, June 20, 1925, Can. Nat. coll.

Euphydryas chalcedona colon tr.f. **fenderi.**†—1932, Pan. Pac. Ent., VIII, p. 125, near McMinnville, Yamhill Co., Oregon.
Holotype ♂, May 29, 1931.

Euphydryas wallacensis.—1928, Pan. Pac. Ent., V, p. 50, Pl. II, fig. C. Wallace, Idaho.
Holotype ♂; allotype ♀, May 29, 1921; paratypes, 20 pairs.

Euphydryas chalcedona wallacensis tr.f. **idahoensis.**—1929, Pan. Pac. Ent., VI, p. 3. Wallace, Idaho (Huelleman).
Holotype ♀, June 4, 1921.

Euphydryas perdicias ab. ♂ **nigrisupernipennis.**—1926, Ent. News, XXXVII, p. 4, Pl. I, fig. 5. Chilcotin, B. C.
Holotype ♂, July 17, 1915.

Euphydryas chalcedona perdiceas svihlae.—1932, Pan. Pac. Ent., VIII, p. 126. Hurricane Hill, Olympic Mts., Washington.
Holotype ♀, July 6, 1931.

Euphydryas chalcedona mcglashanii f. **truckeensis.**—1928, Ent. News, XXXIX, p. 305, Pl. XIV, figs. B ♂ and BB ♀. Truckee, California (Dodge and Cottle).

Holotype ♂, July 18, 1925; allotype ♀, June 28, 1928; paratypes, 3 ♀, July 18, 1926 (1) and July 18, 1916 (2).

Euphydryas chalcedona mcglashanii tr.f. **hilli.**—1928, Ent. News, XXXIX, p. 306, Pl. XIV, fig. C. Auburn, near Truckee, California (Chas. Hill).
Holotype ♀, July 12, 1928.

Euphydryas sierra ab. ♂ **magdelenae.**—1925, Ent. News, XXXVI, p. 197, Pl. V, fig. 8. Glen Alpine Creek, El Dorado Co., California.
Holotype ♂, May 10, 1921.

Euphydryas chalcedona olancha f. **georgei.**—1928, Ent. News, XXXIX, p. 306, Pl. XIV, figs. D ♂ and DD ♀. Casa Diablo Hills, Mono Co., California (Malcolm).
Holotype ♂, allotype ♀, June 23, 1925; paratypes, 2 ♂, 2 ♀, same date and locality.

Euphydryas chalcedona olancha tr.f. **malcolmi.**—1927, Ent. News, XXXVIII, p. 134, Pl. XI, fig. 3. Casa Diablo, Mono Co., California.
Holotype ♀, June 22, 1925.

Euphydryas chalcedona quino tr.f. **hennei.**—1932, Pan. Pac. Ent., VIII, p. 126. Chino Canyon, Palm Springs, California.
Holotype ♀, April 14, 1930.

Euphydryas anicia tr.f. **mayi.**—1932, Pan. Pac. Ent., VIII, p. 126. Banff, Alberta (J. F. May).
Holotype ♂, July 4, 1930.

Euphydryas anicia capella ab. ♂ **oslari.**—1925, Ent. News, XXXVI, p. 196, Pl. V, fig. 7. Platte Canyon, Colorado.
Holotype ♂, July, 1924.

Euphydryas bernadetta tr.f. **leussleri*.**—1927, Ent. News, XXXVIII, p. 136, Pl. XI, fig. 8. Near Harrison, Sioux Co., Nebraska.
Holotype ♂, June 5, 1919, coll. R. A. Leussler.

Euphydryas anicia bernadetta tr.f. **belli.**—1929, Pan. Pac. Ent., VI, p. 4. Harrison, Sioux Co., Nebraska (E. L. Bell).
Holotype ♂, June 16, 1929.

Euphydryas maria tr.f. **skinneri*.**—1928, Can. Ent., LX, p. 164, Pl. A, figs. 9, 9a. Eureka, Utah (Spalding).
Holotype ♂, May 27, 1920, coll. Barnes.

Euphydryas maria tr.f. **spaldingi*.**—1928, Can. Ent., LX, p. 165, Pl. A, figs. 10, 10a. Stockton, Utah (Spalding).
Holotype ♀, May 23, 1924, coll. Barnes.

Euphydryas carmentis tr.f. **charlotteae*.**—1928, Can. Ent., LX, p. 165, Pl. B, figs. 11, 11a. Pagosa Springs, Archuleta Co., Colorado.
Holotype ♀, June 24–30, coll. Barnes?

Euphydryas anicia wheeleri tr.f. **duncani.**—1934, Can. Ent., LXVI, p. 129. Santa Catalina Mts., Arizona (D. H. Duncan).
Holotype ♂, April 12, 1933.

Euphydryas morandi.—1928, Ent. News, XXXIX, p. 304, Pl. XIV, figs. A ♂ and AA ♀. Kyle Canyon, 10,500–11,000 ft., Mt. Charleston Peak in Spring Mt., Clark Co., Nevada.
Holotype ♂, allotype ♀, July 12, 1928; paratypes, 18 ♂, 9 ♀, July 10 to 16, same locality.

Euphydryas anicia hernosa tr.f. **venusta.**—1932, Pan. Pac. Ent., VIII, p. 127. Cottonwood Canyon, above Roosevelt Camp, Roosevelt Dam, Arizona (F. Morand).
Holotype ♀, July 29, 1930.

Euphydryas irelandi.—1929, Can. Ent., LXI, p. 44. Trail near Alta Peak, Sequoia Nat. Park, California.
Holotype ♂, August 6, 1927; allotype ♀, July 17, 1928 (Ireland); paratypes, 1 ♂, 3 ♀, same dates and locality.

Euphydryas anicia windi.—1932, Can. Ent., LXIV, p. 283. Timber Island, Teton Mts., Teton Co., Wyoming.
Holotype ♂, allotype ♀, both June 29, 1931; paratypes, 4 ♂, same date and locality.

Euphydryas anicia hopfingeri.—1934, Can. Ent., LXVI, p. 128. Black Canyon, Methow Valley, Okanogan Co., Washington.
Holotype ♂, allotype ♀, May 28, 1933.

Euphydryas anicia hopfingeri tr.f. **andersoni.**—1934, Can. Ent., LXVI, p. 128. Black Canyon, Methow Valley, near Brewster, Okanogan Co., Washington.
Holotype ♀, May 28, 1933.

Euphydryas editha ab. ♂ **fieldi.**—1924, Ent. News, XXXV, p. 155, Pl. II, fig. E. San Diego, San Diego Co., California.
Holotype ♂, April 26, 1920.

Euphydryas rubicunda tr.f. **cottlei.**—1928, Can. Ent., LX, p. 164, Pl. A, figs. 7, 7a. Lower Yosemite Valley, California (Cottle).
Holotype ♂, June, 1909.

Euphydryas editha wrighti.—1929, Pan. Pac. Ent., VI, p. 5. San Diego, California (George Field).
Holotype ♂, allotype ♀, March 7 and 8, 1907; 12 pairs paratypes, same date and locality.

Euphydryas editha wrighti tr.f. **thornei.**—1934, Can. Ent., LXVI, p. 129. Chula Vista, San Diego, California.
Holotype ♀, March 9, 1930.

Euphydryas monoensis.—1928, Pan. Pac. Ent., V, p. 49, Pl. II, fig. A. Rush Creek (below Farmington's Ranch) near Mono Lake, Mono Co., Calif.
Holotype ♂, allotype ♀, June 14, 1926; paratypes, 10 pairs from same locality and 1 pair, Levinning Creek, near type locality, July 13, 1927.

Euphydryas editha nubigena tr.f. **tiogaensis*.**—1929, Pan. Pac. Ent., VI, p. 6. Tioga Pass, Yosemite Nat. Park, Calif. (Comstock).
Holotype ♂, August 3, 1922, coll. Los Angeles Mus.

Euphydryas editha nubigena tr.f. **boharti.**—1929, Pan. Pac. Ent., VI, p. 6. Tuolumne Meadows, Yosemite Nat. Pk., California.
Holotype ♀, July 5, 1928.

Euphydryas aurilacus.—1928, Pan. Pac. Ent., V, p. 49, Pl. II, fig. B. Near Gold Lake Camp, Gold Lake, Sierra Co., California.
Holotype ♂, allotype ♀, July 15, 1925; paratypes, 6 pairs and Fig. 11 ♂ and 12 ♀, Pl. XXXIV, 'Butts. of Calif.' also designated paratypes.

Euphydryas rubicunda ab. ♂ **albiradiata.**—1926, Ent. News, XXXVII, p. 3, Pl. I, fig. 4. Loyalton, Sierra Co., California.
Holotype ♂, July 19, 1922.

Euphydryas rubicunda ab. **foxi.**—1924, Ent. News, XXXV, p. 155, Pl. II, fig. D. Gold Lake, Sierra Co., California.
Holotype ♂, July 17, 1921; paratype ♂, same locality, July 13, 1921.

Euphydryas editha baroni tr.f. **dunni.**—1929, Pan. Pac. Ent., VI, p. 6. Mendoceno Co., California (Eastman).
Holotype ♂, 1912.

Euphydryas editha baroni tr.f. **sternitzkyi.**—1929, Pan. Pac. Ent., VI, p. 6 (Sternitzky). Hillsboro, near San Mateo, San Mateo Co., California.
Holotype ♀, April 27, 1929.

Euphydryas taylori, ab. ♀ **victoriae.**—1926, Ent. News, XXXVII, p. 4, Pl. I, fig. 6. Victoria, B. C.
Holotype ♀, April 4, 1921.

Euphydryas taylori tr.f. **barnesi*.**—1928, Can. Ent., LX, p. 164, Pl. A, figs. 8, 8a. Victoria, B. C. (Crocker).
Holotype ♂, May 9, 1910; allotype ♀, May 4, 1910; paratype ♂, May 9, 1910, coll. Barnes.

Euphydryas nubigena beani ab. ♂ **blackmorei.**—1926, Ent. News, XXXVII, p. 2, Pl. I, fig. 1. Mt. Cheam, B. C.
Holotype ♂, August 3, 1903.

Euphydryas editha lehmani.—1929, Pan. Pac. Ent., VI, p. 7. Lehman Caves Resort, Mt. Wheeler, White Pine Co., Nevada.
Holotype ♂, allotype ♀, June 4, 1929; paratypes, 10 pairs, same locality, early June dates.

Euphydryas editha lehmani tr.f. **caverna.**—1934, Can. Ent., LXVI, p. 129. Mt. Wheeler, White Pine Co., Nevada (Frank Morand).
Holotype ♀, June 8, 1929.

Euphydryas editha lawrencei.—1931, Bull. So. Cal. Ac. Sci., XXX, p. 47. Near timber line on trail between Diamond Lake (Camp) and summit of Mt. Thielsen (9000 ft.), Douglas Co., Oregon.
Holotype ♂, allotype ♀, July 17–18, 1931; paratypes, 10 ♂, 10 ♀, same place and date.

Euphydryas editha laurencei tr.f. **thielsenensis.**—1931, Bull. So. Cal. Ac. Sci., XXX, p. 48. Timber line, on Mt. Thielsen, Douglas Co., Oregon (Fred Lawrence).
Holotype ♀, July 17, 1931; paratype ♀, same date and locality.

Euphydryas editha laurencei tr.f. **diamondensis.**—1931, Bull. So. Cal. Ac. Sci., XXX, p. 48. Timber line, Mt. Thielsen, Douglas Co., Oregon (Fred Lawrence).
Holotype ♂, July 17, 1930; paratype ♂, same date and locality.

Euphydryas editha fridayi.—1931, Bull. So. Cal. Ac. Sci., XXX, p. 47. Near auto road on left between June and Silver Lakes, Mono Co., California.
Holotype ♂, allotype ♀, June 14, 1930; paratypes, 3 ♂, 3 ♀, same date and locality.

Euphydryas gilletti tr.f. **herri.**—1929, Pan. Pac. Ent., VI, p. 8. Martina near Stark, Missoula Co., Montana.
Holotype ♀, July 9, 1929.

Melitaea sterope tr.f. **hopfingeri.**—1934, Can. Ent., LXVI, p. 129. Aster Island (Columbia River) near Brewster, Okanogan Co., Washington.
Holotype ♂, May 14, 1933.

Melitaea neumoegeni tr.f. **fridayi.**—1932, Can. Ent., LXIV, p. 283. Little Rock, Los Angeles Co., California.
Holotype ♀, April 3, 1932.

Melitaea neumoegeni tr.f. **boharti.**—1933, Can. Ent., LXV, p. 173. Little Rock, Los Angeles Co., California (R. M. Bohart).
Holotype ♂, April 2, 1932.

Euphydryas gabbi ab. ♂ **pasadenae.**—1924, Ent. News, XXXV, p. 155, Pl. II, fig. C. Pasadena, Los Angeles Co., California.
Holotype ♂, May 20, 1921.

Melitaea acastus ab. ♀ **pearlae.**—1926, Ent. News, XXXVII, p. 5, Pl. I, fig. 7. Casa Diablo Hills, Mono Co., California.
Holotype ♀, June 23, 1925; paratype ♀, same locality, June 24, 1925.

Melitaea palla ab. ♀ **blackmorei.**—1926, Ent. News, XXXVII, p. 6, Pl. I, fig. 8. Lytton, B. C.
Holotype ♀, July 4, 1922.

Melitaea palla whitneyi tr.f. **vanduzeei*.**—1928, Can. Ent., LX, p. 165, Pl. B, figs. 12a, 12. Portola, California (Newcomer).
Holotype ♂, April 25, 1908, coll. Acad. Nat. Sci.

Melitaea hoffmanni tr.f. **hollandae*.**—1928, Can. Ent., LX, p. 166, Pl. B, figs. 13, 13a. Summit, California.
Holotype ♀, July 24, coll. Holland.

Melitaea chara ab. ♂ **jacintoi.**—1924, Ent. News, XXXV, p. 154, Pl. II, fig. B. Palm Springs, Riverside Co., California.
Holotype ♂, May 28, 1922.

Melitaea wrighti ab. ♂ **carolynae.**—1926, Ent. News, XXXVII, p. 3, Pl. I, fig. 3. Mint Canyon, Los Angeles Co., California.
Holotype ♂, May 5, 1925.

Melitaea wrightii f. **pelona*.**—1930, Bull. So. Cal. Ac. Sci., XXIX, p. 25. Mint Canyon, Sierra Poloner Valley, California (J. A. Comstock).
Holotype ♀, May 1, 1921, coll. J. A. Comstock.

Melitaea cyneas tr.f. **infrequens*.**—1928, Can. Ent., LX, p. 166, Pl. B., figs., 14, 14a. Huachuca Mts., Arizona.
Holotype ♂, August 8–15, coll. Barnes.

Lemonias alma tr.f. **koebelei*.**—1927, Ent. News, XXXVIII, p. 136, Pl. XI, fig. 7. Argus Mts., Inyo Co., California.
Holotype ♀, April, 1891, coll. Koebele, Acad. Nat. Sci.

Melitaea theona thekla tr.f. **benjamini*.**—1928, Can. Ent., LX, p. 166, Pl. B, figs. 15, 51a. Southern Arizona (Poling).
Holotype ♂, July 15–30, coll. Barnes.

Melitaea pola arachne ab. ♂ **polingi.**—1926, Ent. News, XXXVII, p. 2, Pl. I, fig. 2. White Mts., Arizona.
Holotype ♂, Aug., 1925.

Melitaea mayi.—1929, Bull. Bklyn. Ent. Soc., XXIV, p. 327, Pl. XXXI, fig. 6. Small high valley 4 miles west of Ptargmigan Valley, Banff, Alberta (J. F. May).
Holotype ♂, July 28, 1929.

Phyciodes gorgone tr.f. **thornei.**—1934, Can. Ent., LXVI, p. 130. Chula Vista, San Diego Co., California (Fred Thorne).
Holotype ♂, Oct. 11, 1933.

Phyciodes gorgone tr.f. **nox*.**—1928, Can. Ent., LX, p. 167, Pl. B, figs. 17, 17a. Brownsville, Texas (Dorner).
Holotype ♂, April, 1911; allotype ♀, Kerrville, Tex., coll. Barnes.

Phyciodes nycteis tr.f. **lacteus.**—1928, Can. Ent., LX, p. 166, Pl. B, figs. 16, 16a. Near St. Louis, Mo. (Knetzge).
Holotype ♂, July 10, 1908.

Phyciodes tharos tr.f. **dyari*.**—1928, Can. Ent., LX, p. 167, Pl. B, fig. 18. Webster, New Hampshire.
Holotype ♂, U. S. Nat. Mus.

Phyciodes batesii, tr.f. **harperi.**—1932, Can. Ent., LXIV, p. 283. McCreary, Manitoba.
Holotype ♀, Aug. 1, 1931.

Phyciodes campestris tr.f. **mcdunnoughi*.**—1928, Can. Ent., LX, p. 167, Pl. B, fig. 19, 19a. Olds? (T. N. W.).
Holotype ♀, no date, Can. Nat. coll.

Phyciodes orseis tr.f. **edwardsi*.**—1927, Ent. News, XXXVIII, p. 135, Pl. XI, fig. 5. California.
Holotype ♀, coll. Barnes.

Phyciodes mylitta tr.f. **collinsi.**—1930, Bull. So. Cal. Ac. Sci., XXIX, p. 26. Collin's Ranch, Voltair, California.
Holotype ♂, Aug. 12, 1923.

Chlosyne lacinia rufescens tr.f. **inghami.**—1928, Can. Ent., LX, p. 167, Pl. B, figs. 20, 20a. Mesa, Arizona (Ingham).
Holotype ♂, Aug. 23, 1927.

Chlosyne california ab. ♀ **chinoi.**—1924, Ent. News, XXXV, p. 157, Pl. II, fig. 1. Palm Springs (Chino Canyon), Riverside Co., California.
Allotype ♀, Oct. 18, 1921.

Polygonia satyrus marsyas tr.f. **hollandi*.**—1927, Bull. So. Cal. Ac. Sci., XXVI, p. 53. Navarro, California (bred by O. T. Barron).
Holotype ♂, coll. W. H. Edwards.

Aglais milberti tr.f. **rothkei.**—1927, Can. Ent., LIX, p. 286, Pl. B, figs. 18, 18b. Scranton, Pennsylvania (Rothke).
Holotype ♂, July 21, 1915.

Vanessa virginiensis ab. ♂ **massachusettensis.**—1925, Ent. News, XXXVI, p. 198, Pl. V, fig. 10. Southhampton, Massachusetts.
Holotype ♂, July 20, 1923.

Cynthia virginiensis tr.f. **simmsi*.**—1927, Ent. News, XXXVIII, p. 133, Pl. XI, fig. 2. Montreal, Quebec.
Holotype ♀, Sept. 12, 1913, coll. H. M. and F. H. Simms, Stourbridge, Wor., England; paratype ♀, Raleigh, N. C., coll. Amer. Mus. Nat. History.

Cynthia carye, tr.f. **schraderi.**—1929, Pan. Pac. Ent., VI, p. 9, Pl. XVII. Los Angeles, California.
Holotype ♂, May 13, 1929; allotype ♀, May 6, 1929; 2 paratypes, ♀, May 28, 1929, and date unknown.

Cynthia carye tr.f. **nivosa.**—1927, Bull. So. Cal. Ac. Sci., XXVI, p. 53. San Francisco, California (Cottle).
Holotype ♂, Aug., 1915.

Junonia coenia ab. ♀ **schraderi.**—1925, Ent News, XXXVI, p. 199, Pl. v, fig. 11. Los Angeles, California.
Holotype ♀, May 17, 1910.

Junonia coenia tr.f. **wilhelmi.**—1927, Ent. News, XXXVIII, p. 134, Pl. xi, fig. 4. Los Angeles, California (Schrader).
Holotype ♂, Sept. 15, 1910; paratype ♀, Oct. 15, 1913.

Basilarchia astyanax f. **purpuratus.**—1934, Can. Ent., LXVI, p. 43. Scranton, Pennsylvania (Max Rothke).
Holotype ♂, July 4, 1914; allotype ♀, July, 1926.

Basilarchia astyanax arizonensis tr.f. **doudoroffi.**—1934, Can. Ent., LXVI, p. 44. Tonto Creek, near Payson, Gila Co., Arizona (M. Doudoroff).
Holotype ♂, July 12, 1933.

Basilarchia lorquini f. **fridayi.**—1932, Can. Ent., LXIV, p. 284. Leevining Creek, near Mono Lake, Mono Co., California.
Holotype ♀, July 22, 1930.

Basilarchia lorquini ab. ♂ **comstocki.**—1925, Ent. News, XXXVI, p. 5, Pl. i, fig. S. Bishop, Inyo Co., California.
Holotype ♂, Aug. 28, 1921.

Basilarchia archippus tr.f. **nivosus.**—1929, Bull. Bklyn. Ent. Soc., XXIV, p. 325, Pl. xxx, fig. 1. Mystic, Connecticut.
Holotype ♂, July.

Basilarchia archippus hyb. **rubrofasechippus.**—1934, Can. Ent., LXVI, p. 47. Beulah, Manitoba (A. J. Dennis).
Holotype ♂, June 29, 1904.

Lycaenidae

Atlides halesus tr.f. **corcorani.**—1934, Can. Ent., LXVI, p. 131. Riverside, Riverside Co., California.
Holotype ♂, Sept. 2, 1933.

Strymon melinus tr.f. **meinersi.**—1927, Can. Ent., LIX, p. 283, Pl. A, figs. 9, 9a. Table Rock, North Carolina (Meiners).
Holotype ♀, Aug. 18, 1922.

Callipsyche behrii ab. ♂ **nigroinita.**—1924, Ent. News, XXXV, p. 154, Pl. xi, fig. A. Mammoth Camp, Mono Co., California.
Holotype ♂, Aug. 5, 1921.

Satyrium fuliginosa tr.f. **immaculata.**—1927, Can. Ent., LIX, p. 283. McGee's Creek, near Mammoth, Mono Co., California.
Holotype ♀, June 20, 1926.

Lycaena dione tr.f. **gibboni*.**—1927, Can. Ent., LIX, p. 284, Pl. A, fig. 13. Miniota, Manitoba (Gibbon).
Holotype ♂, July 4, Can. Nat. coll.

Lycaena editha tr.f. **vanduzeei*.**—1927, Ent. News, XXXVIII, p. 133, Pl. xi, fig. 1. Deer Park, Placer Co., California.
Holotype ♀, coll. Calif. Acad. Sci.

Lycaena thoe tr.f. **wormsbacheri***.—1927, Bull. So. Cal. Ac. Sci., XXVI, p. 53. No type locality given.
Holotype ♀, coll. H. Wormsbacher.

Lycaena thoe tr.f. **wyatti***.—1927, Can. Ent., LIX, p. 285, Pl. A, figs. 16, 16b. Colorado?
Holotype ♂, no date, coll. Strecker; allotype ♀, Sept. 15, 1907, Chicago, Illinois; paratypes ♂, June 9, 1918, Omaha, Nebraska, ♀, June 20, 1918, Chicago.

Lycaena thoe tr.f. **sternitzkyi.**—1927, Can. Ent., LIX, p. 285, Pl. A, fig. Petaluma, California (Sternitzky).
Holotype ♂, Aug. 1, 1927.

Lycaena helloides tr.f. **williamsi***.—1927, Can. Ent., LIX, p. 285, Pl. A, figs. 14, 14a, 14b. Hall's Valley, Park Co., Colorado.
Holotype ♂, Aug.; allotype ♀, May 30, 1897, Chicago, Illinois, coll. Acad. Nat. Sc. Phila.

Heodes cupreus ab. ♀ **maculinita.**—1926, Ent. News, XXXVII, p. 8, Pl. I, fig. 11. Mammoth, Mono Co., California.
Holotype ♀, July 12, 1920; paratype ♀, same locality and date.

Lycaena snowi tr.f. **mcdunnoughi***.—1927, Can. Ent., LIX, p. 284, Pl. A, fig. 12. Laggan, Alta (F. H. W. Dodd).
Holotype ♀, July 20, 1904; paratypes, 2 ♀, July 20, 1904. (Dodd and T. E. Bean), all in Can. Nat. coll.

Heodes heteronia ab. ♂ **coloradensis.**—1925, Ent. News, XXXVI, p. 194, Pl. v, fig. 1. Plain View, Colorado.
Holotype ♂, July, 1924.

Leptotes marina ab. ♀ **violacea.**—1925, Ent. News, XXXVI, p. 6, Pl. I, fig. U. Oak Glenn, Riverside Co., California.
Allotype ♀, July 19, 1924.

Brephidium exilis ab. ♀ **coolidgei.**—1925, Ent. News, XXXVI, p. 2, Pl. I, fig. L. Los Angeles, Los Angeles Co., California.
Allotype ♀, July 12, 1922; paratype ♀, same locality, Aug. 3, 1922.

Everes comyntas herii tr.f. **arizonensis***.—1927, Can. Ent., LIX, p. 284, Pl. A, fig. 10. Santa Rita Mts., Arizona (Clemence).
Holotype ♂, April 18, 1910, coll. Los Angeles Mus.

Everes comyntas herrii tr.f. **jemezensis***.—1927, Can. Ent., LIX, p. 284, Pl. A, fig. 11. Jemez Springs, New Mexico.
Holotype ♀, May 13, 1913, coll. Acad. Nat. Sci. Phila.

Everes amyntula tr.f. **dodgei.**—1927, Can. Ent., LIX, p. 283, Pl. A, fig. 7. Santa Cruz, California (E. A. Dodge).
Holotype ♂, April 20, 1918.

Plebeius melissa tr.f. **inyoensis.**—1927, Can. Ent., LIX, p. 281, Pl. A, fig. 1. Olancha, Inyo Co., California (G. A. Malcolm).
Holotype ♂, July 2, 1925.

Plebeius aquilo tr.f. **kohlsaati.**—1932, Pan. Pac. Ent., VIII, p. 127. Mt. McKinley Nat. Pk., Alaska (F. Morand).
Holotype ♂, July 29, 1930.

Plebeius saepiolus tr.f. **boharti.**—1932, Pan. Pac. Ent., VIII, p. 127. Yosemite Nat. Park., California (R. M. Bohart).
Holotype ♀, July 24, 1931.

Plebeius saepiolus tr.f. **leussleri*.**—1927, Can. Ent., LIX, p. 282, Pl. A, fig. 3. Cassel's, Park Co., Nebraska, alt. 8500 ft.[1]
Holotype ♀, Aug. 23, 1918, coll. Leussler.

Plebeius saepiolus hilda tr.f. **garthi.**—1928, Can. Ent., LX, p. 168, Pl. B, fig. 21. Tahquitz Valley, Riverside Co., California (Garth).
Holotype ♀, June 27, 1927.

Plebeius icarioides ab. ♂ **spinimaculata.**—1926, Ent. News, XXXVII, p. 8, Pl. I, fig. 12. Delta, Trinity Co., California.
Holotype ♂, May 22, 1925.

Plebeius maricopa tr.f. **windi.**—1933, Can. Ent., LXV, p. 173. Berkeley, California (Robert Wind).
Holotype ♂, April 14, 1932.

Plebeius acmon tr.f. **angelus.**†—1929, Bull. Bklyn. Ent. Soc., XXIV, p. 326, Pl. XXXI, fig. 4. Los Angeles, California.
Holotype ♀, June 10, 1920.

Plebeius monticola ab. ♀ **malcolmi.**—1925, Ent. News, XXXVI, p. 195, Pl. V, fig. 2. Ridge Route, Los Angeles Co., California.
Holotype ♀, May 30, 1922.

Plebeius monticola ab. ♀ **pallida.**—1925, Ent. News, XXXVI, p. 3, Pl. I, fig. N. Cajon Pass, San Bernardino Mts., San Bernardino Co., California.
Allotype ♀, May 14, 1922.

Plebeius monticola tr.f. **montanus.**—1929, Bull. Bklyn. Ent. Soc., XXIV, p. 326, Pl. XXXI, fig. 3. Cajon Pass, San Bernardino Co., California (Karl Coolidge).
Holotype ♂, May 14, 1922.

Philotes battoides bernardino ab. ♀ **baldyensis.**—1925, Ent. News, XXXVI, p. 3, Pl. I, fig. M. Camp Baldy, San Bernardino Co., California.
Allotype ♀, July 5, 1924.

Philotes glaucon intermedia tr.f. **malcolmi.**—1927, Can. Ent., LIX, p. 282, Pl. A, fig. 5. American River, Placer Co., California (Malcolm).
Holotype ♂, July 19, 1921.

Philotes sonorensis f. **comstocki.**—1925, Ent. News, XXXVI, p. 6, Pl. I, fig. 1. San Gabriel River, Duarte, Los Angeles Co., California.
Holotype ♂, March 15, 1922; allotype ♀, same locality, Feb. 20, 1922; paratypes, 6 ♂, 2 ♀, similar dates, 1922–1923.

Phaedrotes piassus catalina ab. ♂ **gorgonioi.**—1925, Ent. News, XXXVI, p. 4, Pl. I, fig. P. San Gorgonio Mt., San Bernardino Co., California.
Holotype ♂, June 13, 1921.

Glaucopsyche lygdamus couperi tr.f. **mcdunnoughi*.**—1927, Can. Ent., LIX, p. 282, Pl. A, figs. 4, 4a, 4c, 4d. Saskatchewan.
Holotype ♂, no date, coll. Barnes; allotype ♀, June 26, 1894, in Can. Nat. coll.

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[1] This type locality as published is incorrect. The true type locality is Cassells, Park Co., Colorado. See: 1938, Can. Ent., LXX, p. 46.

Glaucopsyche lygdamus oro tr.f. **leussleri***.—1927, Can. Ent., LIX, p. 283, Pl. A, fig. 8. Harrisburg, Banner Co., Nebraska (Leussler).
Holotype ♂, Aug. 23, 1918, coll. Leussler.

Glaucopsyche lygdamus behri tr.f. **sternitzkyi.**—1929, Bull. Bklyn. Ent. Soc., XXIV, p. 325, Pl. XXXI, fig. 2. Fairfax, Marin Co., California (R. F. Sternitzky).
Holotype ♂, April 9, 1927; paratype ♂, Trinity Co., California, June 2, 1928.

Glaucopsyche xerxes mertila ab. ♂ **huguenini.**†—1925, Ent. News, XXXVI, p. 3, Pl. I, fig. O. San Francisco, California.
Holotype ♂, April 24, 1917.

Glaucopsyche xerces f. **mertila** tr.f. **barnesi***.—1927, Can. Ent., LIX, p. 282, Pl. A, figs. 2, 2a. San Francisco, California.
Holotype ♂, April, 1923; allotype ♀, no date, coll. Barnes.

Hesperiidae

Rhabdoides cellus ab. ♂ **aereofuscus.**—1925, Ent. News, XXXVI, p. 196, Pl. V, fig. 6. Baboquivari Mts., Pina Co., Arizona.
Holotype ♂, July 15, 1924.

Urbanus tessellata occidentalis ab. ♀ **skinneri.**—1927, Ent. News, XXXVIII, p. 51, fig. 2. Los Angeles, Los Angeles Co., California.
Holotype ♀, July 7, 1926.

Polites sabuleti var. **comstocki.**—1925, Ent. News, XXXVI, p. 7, Pl. I, figs. 4 ♂, 5 ♀. El Centro, Imperial Co., California.
Holotype ♂, Oct. 4, 1923; allotype ♀, same locality, Oct. 5, 1923; paratypes, 12 ♂, 3 ♀, same locality and dates.

Atrytonopsis edwardsi ab. ♂ **polingi.**—1925, Ent. News, XXXVI, p. 195, Pl. V, fig. 3. Baboquivari Mts., Pina Co., Arizona.
Holotype ♂, July 22, 1924.